MALINE CREEK COORDINATION MEETING

MARCH 31, 1993

Summary of draft **Maline Creek Asbestos site Closure and Streambank Stabilization Study**, prepared for EP&R by TapanAm Associates, Inc.

Original Maline Creek Channel was filled in with waste asbestos debris in 1920's-1930's. Waste asbestos debris, north of 1979 Asbestos Dump Remediation Action is 5' to 20' deep. Report suggests that extent of asbestos dump and/or fill is more extensive than previously suspected.

The Maline Creek watershed has been the subject of a number of hydrological investigations in the past. There is a good deal of information available on the need for, and recommendations for, flood control projects for Maline Creek in the vicinity of the site.

The Report presents three remediation options. All options propose major stabilization of the creek banks at two key bends where erosion problems have been the most severe. The main differences between the options is the extent to which the intervening creek section and banks are stabilized.

OPTION 1: Proposes to line the entire creek channel with concrete. This is the most protective and most expensive. Estimated construction costs: $2.6M

OPTION 2: Proposes shallower, vegetated slopes between the bends. This is the least costly proposal, however, the long-term reliability of this option and future O&M requirements are less certain with is option. Estimated costs: $1.3M

OPTION 3: Similar to OPTION 2, except that the north bank, i.e. the asbestos bank, is further reinforced with concrete.
Estimated costs: $1.5M

As a gross estimate, the asbestos removal/remediation portion of the above estimated costs range from %15 to %25. Bank stabilization and flood control structures represent the remaining %75 to %85 of the estimated costs.

The above costs do not include other extramural costs, or EPA's intramural costs

The above costs may not represent typical HazMat response contractor costs.